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FILE BELT SANDER 400W POWX139

1 APPLICATION



WARNING! Read this manual and general safety instructions carefully before using the appliance, for your own safety. Your power tool should only be passed on together with these instructions.

2 DESCRIPTION (FIG. A)

- | | |
|---------------------------|--------------------|
| 1. Adjustable belt knob | 7. Main Switch |
| 2. Sander belt | 8. Speed control |
| 3. Strut arm | 9. Driving wheel |
| 4. Adjustable angle lever | 10. Dust exit pipe |
| 5. Tension spanner | 11. Dust bag |
| 6. Lock off button | |

3 PACKAGE CONTENT LIST

- Remove all packaging materials.
- Remove remaining packing and package inserts (if included).
- Check that the package contents are complete.
- Check the appliance, the power cord, the power plug and all accessories for transportation damage.
- Keep the packing materials as far as possible till the end of the warranty period. Dispose it into your local waste disposal system afterwards.



WARNING: Packaging materials are not toys! Children must not play with plastic bags! Danger of suffocation!

10 x sanding belt (3x g40/4x g60/3x g120)
1 x manual
1 x dustbag



If any parts are missing or damaged, please contact your dealer.

4 SYMBOLS

In this manual and/or on the machine the following symbols are used:

	Denotes risk of personal injury or damage to the tool.		"Class II - The machine is double insulated; Earthing wire is therefore not necessary.
	Read manual before use.		In accordance with essential requirements of the European directive(s).

5 GENERAL POWER TOOL SAFETY WARNINGS

Read all safety warnings and instructions. Failure to heed warnings and follow instructions may result in electric shock, fire and/or serious injury. Keep safety warnings and instructions for future reference. The term "power tool" in the safety warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

5.1 Working area

- Keep working area clean and well lit. Untidy and dark areas can lead to accidents.
- Do not operate power tools in potentially explosive surroundings, for example, in the presence of inflammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
- Keep children and bystanders at a distance when operating a power tool. Distractions can cause you to lose control of it.

5.2 Electrical safety

- Always check that the power supply corresponds to the voltage on the rating plate.
- Power tool plugs must match the outlet. Never modify the plug in any way. Do not use adapter plugs with earthed power tools. Unmodified plugs and matching outlets will reduce the risk of an electric shock.
- Avoid body contact with earthed surfaces such as pipes, radiators, kitchen ranges and refrigerators. There is an increased risk of an electric shock if your body is earthed.
- Do not expose power tools to rain or wet conditions. If water gets inside a power tool, it will increase the risk of an electric shock.
- Do not damage the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep the cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of an electric shock.
- When operating a power tool outdoors, use an extension cable suitable for outdoor use. Using a cord suitable for outdoor use reduces the risk of an electric shock.
- If operating a power tool in a damp location is unavoidable, use a power supply protected by a residual current device (RCD). Using an RCD reduces the risk of an electric shock.

5.3 Personal safety

- Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool when you are tired or under the influence of drugs, alcohol or medication. A moment of inattention when operating a power tool may result in serious personal injury.
- Use safety equipment. Always wear eye protection. Using safety equipment such as a dust mask, non-skid safety shoes, a hard hat, or hearing protection whenever it is needed will reduce the risk of personal injury.
- Avoid accidental starts. Ensure the switch is in the off position before inserting the plug. Carrying power tools with your finger on the switch or plugging in power tools when the switch is in the on position makes accidents more likely.
- Remove any adjusting keys or spanners before turning on the power tool. A spanner or key left attached to a rotating part of the power tool may result in personal injury.
- Do not reach out too far. Keep your feet firmly on the ground at all times. This will enable you retain control over the power tool in unexpected situations.
- Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from the power tool. Loose clothes, jewellery or long hair can become entangled in the moving parts.
- If there are devices for connecting dust extraction and collection facilities, please ensure that they are attached and used correctly. Using such devices can reduce dust-related hazards.

5.4 Power tool use and care

- Do not expect the power tool to do more than it can. Use the correct power tool for what you want to do. A power tool will achieve better results and be safer if used in the context for which it was designed.
- Do not use the power tool if the switch cannot turn it on and off. A power tool with a broken switch is dangerous and must be repaired.
- Disconnect the plug from the power source before making adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.
- Store power tools, when not in use, out of the reach of children and do not allow people who are not familiar with the power tool or these instructions to operate it. Power tools are potentially dangerous in the hands of untrained users.
- Maintain power tools. Check for misalignment or jammed moving parts, breakages or any other feature that might affect the operation of the power tool. If it is damaged, the power tool must be repaired. Many accidents are caused by using poorly maintained power tools.
- Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to jam and are easier to control.
- Use the power tool, accessories and cutting tools, etc., in accordance with these instructions and in the manner intended for the particular type of power tool, taking into account the working conditions and the work which needs to be done. Using a power tool in ways for which it was not intended can lead to potentially hazardous situations.

5.5 Service

- Your power tool should be serviced by a qualified specialist using only standard spare parts. This will ensure that it meets the required safety standards.

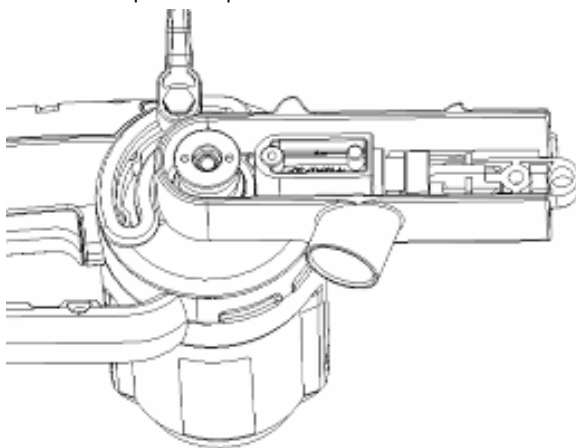
6 MACHINE-SPECIFIC SAFETY WARNINGS

- Always hold the tool with it's insulated grip.
- The operator should hold the tool with two hands firmly.
- Make sure the tool is switched on before you touch the workpiece with the sanding belt.
- Do not touch any rotating components of the tool.
- This machine is not waterproof, so do not add water at the surface of work piece.
- When it comes to sanding operations, it is necessary to ensure a well-ventilated work area.
- Some of the material contained in the compounds may be toxic.
- Be sure to use the dust masks / respirators corresponding of the material being processed.

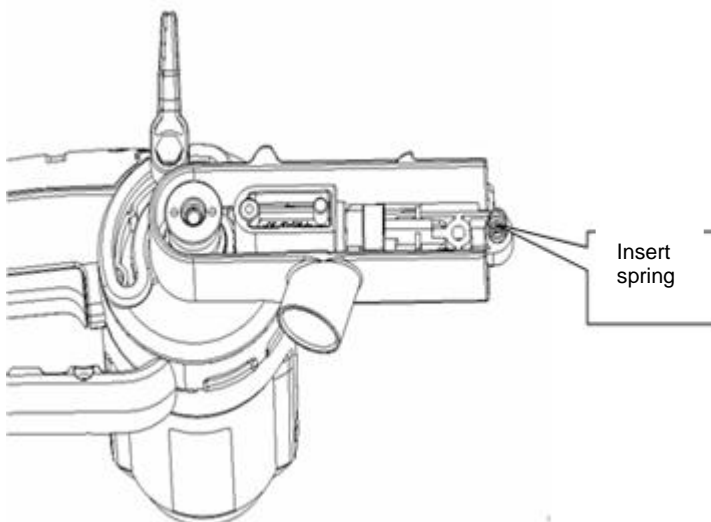
7 ASSEMBLY

7.1 Installation of the powerfile arm

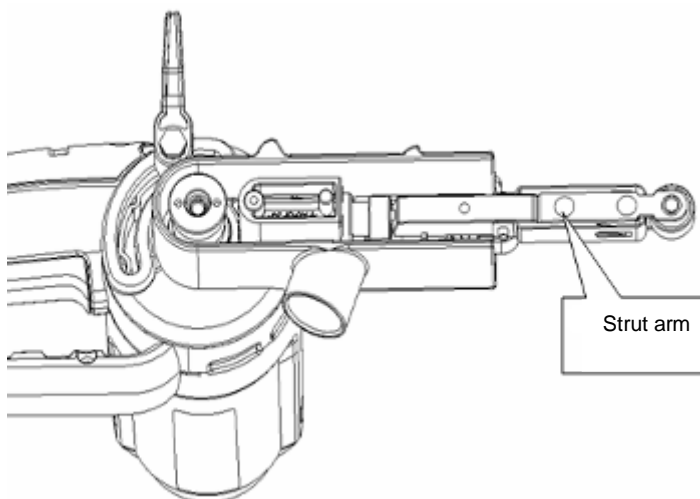
1. Before the installation: place the power file on its side as shown below



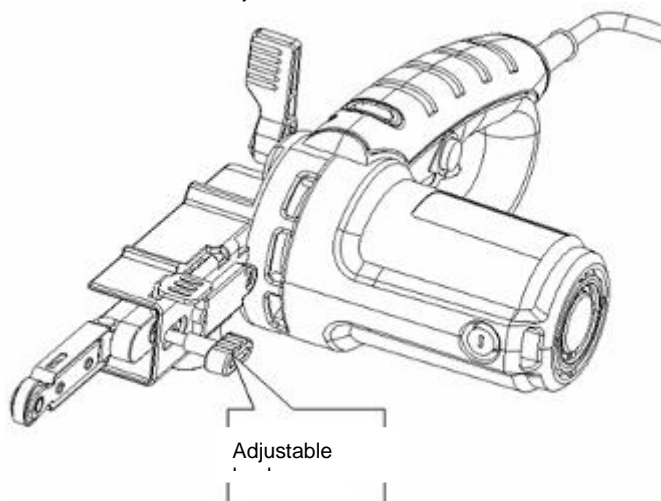
2. Insert spring as shown



3. Fix the strut arm

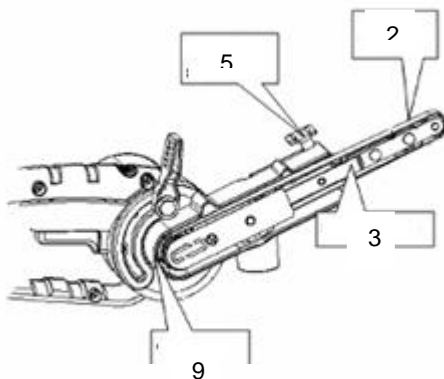


4. Install the belt track adjustment knob



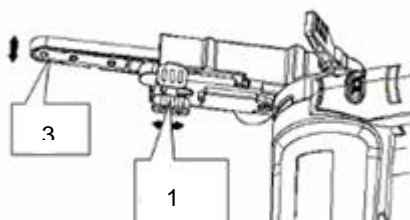
7.2 **Installation and removal of belt**

- Make sure the machine is turned off and unplugged before installing or removing the belt.
- Pull the tension spanner to the back. Put the belt on the driving wheel and pull the belt to the front of the arm, and then make the belt slip to the belt wheel before pulling the tension spanner back to the forward position.



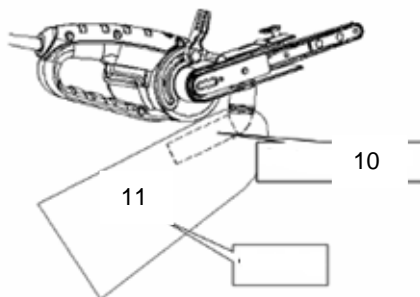
7.3 **Belt adjustment path**

- Check if the sanding belt is running centrally before starting the work.
- Run the file at no load speed and turn the centralizing knob either clockwise or anti-clockwise to adjust the belt tracking until the sanding belt is running smooth.



7.4 **Connect the dust bag**

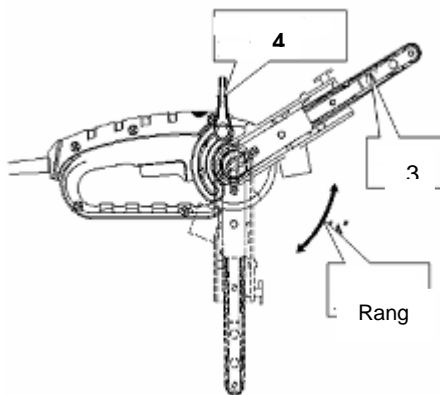
- This machine is fitted with a dust extraction outlet and a collection bag.
- We recommend using this facility is at all times, as well as using an approved face mask. It will make you work cleaner.
- First place the extraction outlet, and then fit the dust collection bag onto the outlet.



8 OPERATION

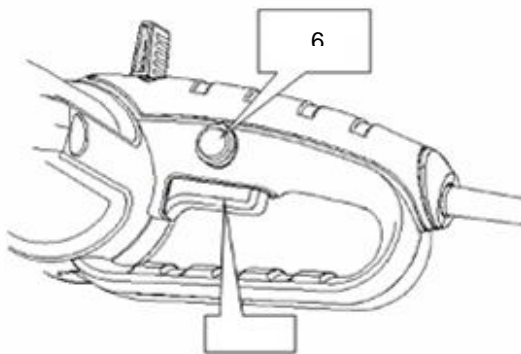
8.1 *Adjust the angle of the arm*

- Before adjusting the angle of the arm, please make sure that the machine is turned off and unplugged.
- The operator can adjust the arm in any angle according to the position or the shape of work pieces, and then fix it into place.
- Loosen the angle adjustment lever, then you can lift up the arm. Rotate the arm along the pivot to the desired position, then lock the angle adjustment lever and fix the arm into place.



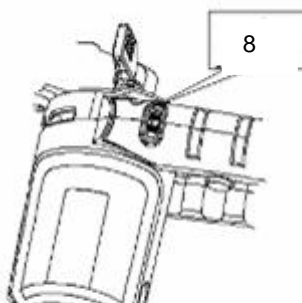
8.2 *Switch operation*

- The tool is operated by pressing/releasing the main switch. The machine will start by pressing the main switch and stop when releasing the main switch.
- Press the lock button and the main switch at the same time to lock the switch into position and the machine will work continuously.
- Press the main switch all the way to the end and then release it to unlock the machine again.



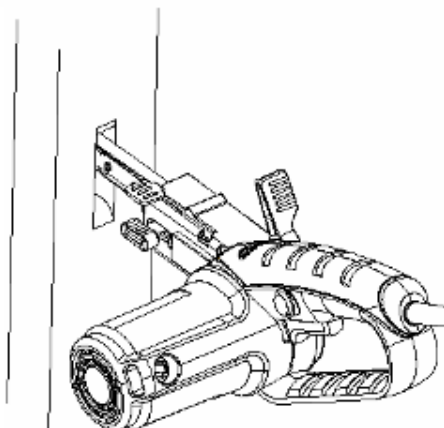
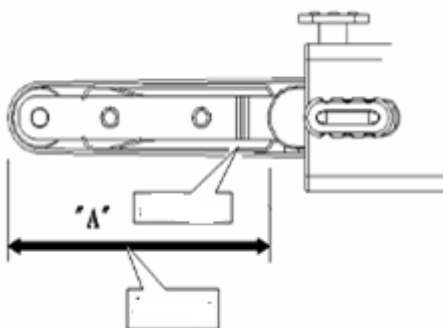
8.3 **Speed controller**

- The speed can be adjusted between 300 m/min and 1700 m/min through rotating the speed controller from 1 to 6.
- Adjusting the controller from 1 to 6 will accelerate.
- Adjusting the controller from 6 to 1 will slow down.
- Please choose the right speed according to the work piece.



8.4 **Sanding operation**

- Secure the work piece to prevent it from moving under the sander belt.
- When starting or stopping the machine, do not let the tool contact with the work piece. Otherwise, it will result the damage of the sander belt or it will make the machine getting out of control.
- When operating the machine, be careful to avoid any part of your body to come into contact with any of the moving parts of the machine or belt.
- Hold the machine with both hands in front of you and away from you, and assume a balanced posture.
- Press the main switch and allow the motor to reach full speed. Hold the machine parallel to the work piece. Gently bring the belt in contact with the work piece. Do not force tool. The weight of the sander supplies adequate pressure. Applying additional pressure will slow down the motor, rapidly wear out the sanding belt and reduce the sanding speed a lot.
- Avoid contact with the sanding belt at any time.



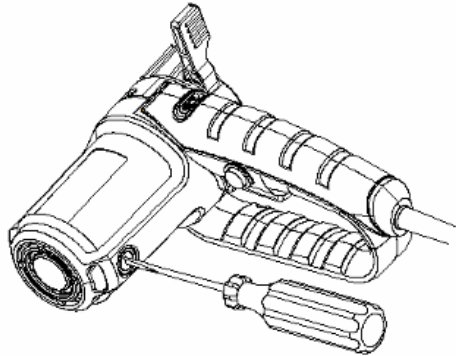
9 CLEANING AND MAINTENANCE

Always ensure that the tool is switched off and the plug is removed from the power socket before making any adjustments or maintenance procedures.
Keep the tool's air vents unclogged and clean at all times.

9.1 Replacing the carbon brush

- During use, the carbon brushes will wear down. This will result in a possible loss of power and excessive sparking seen through the ventilation slots. When the carbon brushes have worn down to approximately 4-5 mm, they will require replacing. Carbon brushes must always be replaced in pairs.

Tool service and maintain must be performed only by qualified repair personnel.



10 TECHNICAL DETAILS

Model nr.	POWX139
Rated Voltage	230-240 V
Rated Frequency	50 Hz
Rated Power	400 W
Variable speed	300-1700 min-1
Working bar length	83 mm
Sanding belt size	13x457 mm
Cable length	3 m

11 NOISE

Noise emission values measured according to relevant standard. (K=3)

Acoustic pressure level LpA	80 dB(A)
Acoustic power level LwA	91 dB(A)



ATTENTION! Wear hearing protection when sound pressure is over 85 dB(A).

aw (Vibration)	1,2 m/s ²	K = 1,5 m/s ²
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12 WARRANTY

- This product is warranted for a 36-month period effective from the date of purchase by the first user.
- This warranty covers all material or production flaws excluding : batteries, chargers, defective parts subject to normal wear & tear such as bearings, brushes, cables, and plugs, or accessories such as drills, drill bits, saw blades, etc. ; damage or defects resulting from maltreatment, accidents or alterations; nor the cost of transportation.
- Damage and/or defects resulting from inappropriate use also do not fall under the warranty provisions.
- We also disclaim all liability for any bodily injury resulting from inappropriate use of the tool.
- Repairs may only be carried out by an authorized customer service center for Powerplus tools.
- You can always obtain more information at the number 00 32 3 292 92 90.
- Any transportation costs shall always be borne by the customer, unless agreed otherwise in writing.
- At the same time, no claim can be made on the warranty if the damage of the device is the result of negligent maintenance or overload.
- Definitely excluded from the warranty is damage resulting from fluid permeation, excessive dust penetration, intentional damage (on purpose or by gross carelessness), inappropriate usage (use for purposes for which the device is not suitable), incompetent usage (e.g. not following the instructions given in the manual), inexperienced assembly, lightning strike, erroneous net voltage. This list is not exhaustive.
- Acceptance of claims under warranty can never lead to the prolongation of the warranty period nor commencement of a new warranty period in case of a device replacement.
- Devices or parts which are replaced under the warranty therefore remain the property of Varo NV.
- We reserve the right to reject a claim whenever the purchase cannot be verified or when it is clear that the product has not been properly maintained. (Clean ventilation slots, carbon brushes serviced regularly, etc.).
- Your purchase receipt must be kept as proof of date of purchase.
- Your appliance must be returned undismantled to your dealer in an acceptably clean state, (in its original blow-moulded case if applicable to the unit), accompanied by proof of purchase.

13 ENVIRONMENT



Should your appliance need replacement after extended use, do not dispose of it with the household refuse, but in an environmentally safe way. Waste produced by electrical machine items should not be handled like normal household rubbish. Please recycle where recycle facilities exist. Check with your Local Authority or retailer for recycling advice.

14 DECLARATION OF CONFORMITY

VARO N.V. - Joseph Van Instraat 9 - BE2500 Lier - BELGIUM, declares that,

Product: File Belt sander
Trade mark: POWERPLUS
Model: POWX139

is in conformity with the essential requirements and other relevant provisions of the applicable European Directives, based on the application of European harmonized standards. Any unauthorized modification of the apparatus voids this declaration.

European Directives (including, if applicable, their amendments up to the date of signature);

2011/65/EU

2006/42/EC

2004/108/EC

European harmonized standards (including, if applicable, their amendments up to the date of signature);

EN60745-1 : 2009

EN60745-2-4 : 2009

EN55014-1 : 2006

EN55014-2 : 1997

EN61000-3-2 : 2006

EN61000-3-3 : 2008

Keeper of the Technical Documentation : Philippe Vankerkhove, VARO – Vic. Van Rompuy N.V.

The undersigned acts on behalf of the company CEO,

Philippe Vankerkhove
Regulatory Affairs – Compliance Manager
Date: 09/08/2013